

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Timothy H. Hunter	)	
		)	Group Art Unit: Unknown
Serial No.:	Unknown	)	
		)	Examiner: Unknown
Filed:	Concurrently herewith	)	
		)	
For:	TRANSMISSIONLESS VARIABLE	)	
	OUTPUT PUMPING UNIT	)	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

**Section 1. Preliminary Statements**

Applicant submits herewith patents, publications or other information, of which he is aware, that he believes may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

**Section 2. Form PTO-1449 (Modified)**

A Form PTO-1449 (Modified) is filed concurrently herewith.

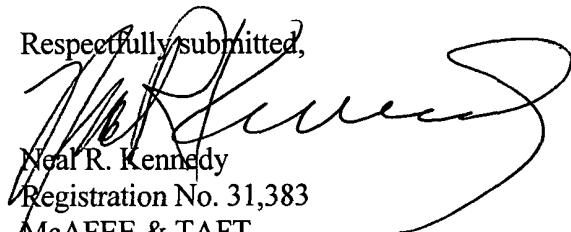
**Section 3. Copies Of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this Information Disclosure Statement.

**Section 4. Identification Of Person Making This Information Disclosure Statement**

The person making this statement is the practitioner who signs below on the basis of information supplied by the inventor, supplied by individuals associated with the filing and prosecution of this application, and/or in the practitioner's file.

Respectfully submitted,

  
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Attorney for Applicant

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Timothy H. Hunter
Art Unit	
Examiner Name	

Sheet 1 of 2

Attorney Docket Number HES 2002-IP-007919

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.<sup>7</sup>

Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	
(Use as many sheets as necessary)				Filing Date	
				First Named Inventor	Timothy H. Hunter
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	HES 2002-IP-007919

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	7	Displacement Pump Definitions, pages 261 and 262; undated but admitted to be prior art		
	8	BarDyne Inc., Stillwater, OK, "Hydraulic System Design for Service Assurance," pgs. 248-259 (1999)		

Examiner Signature		Date Considered	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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PATENT  
HES 2002-IP-007919U1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following document is known to Applicant or Applicant's attorneys and is submitted for the Examiner to consider in the above-captioned application.

## FOREIGN PATENTS

United Kingdom Patent Number GB 2 099 519 A published December 8, 1982.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

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<b>FORM PTO-1449 (Modified)</b>		ATTY. DOCKET NO. 2002-IP-007919U1	SERIAL NO. unknown
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Timothy H. Hunter	
(Use several sheets if necessary)		FILING DATE concurrently herewith	GROUP unknown

*U.S. PATENT DOCUMENTS*

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
AA							
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*FOREIGN PATENT DOCUMENTS*

		Document No.	Date	Country	Class	Subclass	Translation
							Yes
	AL	GB 2 099 519 A	12/08/82	United Kingdom	F04B	49/00	X
	AM						
	AN						
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	AP						

*OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)*

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